Test Procedure for §170.304 (d) Generate patient reminder list

This document describes the draft test procedure for evaluating conformance of complete EHRs or EHR modules to the certification criteria defined in 45 CFR Part 170 Subpart C of the Interim Final Rule (IFR) as published in the Federal Register on January 13, 2010. The document is organized by test procedure and derived test requirements with traceability to the normative certification criteria as described in the Overview document located at http://healthcare.nist.gov/docs/TestProcedureOverview_v1.pdf. These test procedures will be updated to reflect the certification criteria defined in the ONC Final Rule.

CERTIFICATION CRITERIA

§170.304 (d) Generate patient reminder list. Electronically generate, upon request, a patient reminder list for preventive or follow-up care according to patient preferences based on demographic data, specific conditions, and/or medication list.

INFORMATIVE TEST DESCRIPTION

This section provides an informative description of how the test procedure is organized and conducted. It is not intended to provide normative statements of the certification requirements.

This test evaluates the capability for a Complete EHR or EHR Module[1] to electronically generate, upon patient request and according to patient communication preferences, a reminder list for preventative or follow-up care based on demographic data, patient problems, and medication list.

The Vendor supplies the test data for this test procedure.

This test procedure consists of one section:

- Generate Patient Reminder List – evaluates the capability to generate, upon request, a patient reminder list for preventative or follow-up care according to patient preferences and based on demographic data, patient problems, and medication list.
    - o The Tester generates a patient reminder list for preventative or follow-up care according to selected patient preferences and based on demographic data, patient problems, and medication list.
    - o The Tester validates that the list is generated and is accurate and complete based on vendor supplied data

REFERENCED STANDARDS

None

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[1] Department of Health and Human Services, 45 CFR Part 170 Proposed Establishment of Certification Programs for Health Information Technology, Proposed Rule, March 10, 2010.

NORMATIVE TEST PROCEDURES

Derived Test Requirements

DTR170.304.d – 1: Generate patient reminder list

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Required Vendor Information

VE170.304.d – 1.01:   Vendor shall identify a patient with an existing record in the EHR to be used for this test that includes the following data – demographics (age & gender), patient problems, and medications

VE170.304.d – 1.02:   Vendor shall identify the patient communication preferences supported by the EHR for the patient reminder list

VE170.304.d – 1.03:   Vendor shall identify the EHR function(s) that are available to: 1) select the patient, 2) select and set the patient communication preferences for patient reminder list, 3) generate a patient reminder list for preventative or follow-up care according to patient communication preferences and based on demographic data, patient problems, and medication list

Required Test Procedure:

TE170.304.d – 1.01:   Using the EHR function(s) identified by the Vendor, the Tester shall select the patient's existing record and select and set the patient communication preferences to be tested for the patient reminder list for preventative or follow-up care based on demographic data, patient problems, and medication list

TE170.304.d – 1.02   Using the EHR function(s) identified by the Vendor, the Tester shall select the patient's existing record, select the patient communication preferences to be tested, and generate a patient reminder list for preventative or follow-up care based on demographic data, patient problems, and medication list

TE170.304.d – 1.03:   Using the NIST-supplied Inspection Test Guide, the tester shall verify that the patient reminder list is generated according to the selected patient communication preferences correctly and without omission

Inspection Test Guide

IN170.304.d – 1.01:   Tester shall verify that the patient communication preferences for patient reminder list are set

IN170.304.d – 1.02:   Tester shall verify that patient reminder list for a patient for preventative or follow-up care is generated according to the selected patient communication preferences and based on demographic data, patient problems, and medication list. Patient communication preferences include modalities such as secure messaging, e-mail, and messaging to a PHR. Electronic fax will not be considered as meeting this requirement.

EXAMPLE TEST DATA

Examples of demographic, patient problems, and medications for reminder list generation

Demographics	Reminder
Male or Female 50 yrs or older	Colonoscopy
Male or Female 65 yrs or older	Immunization – seasonal flu

Medication	Reminder
statins - Altoprev (lovastatin),Crestor (rosuvastatin), Lescol (fluvastatin), Lipitor (atorvastatin), Mevacor (lovastatin), Pravachol (pravastatin), Zocor (simvastatin)	Lipid profile
warfarin (Coumadin, Jantoven)	PT/INR every 4 weeks

Patient Problem	Reminder
Hypertension	Blood pressure check regularly
Type 2 Diabetes	A1C every 6 months

CONFORMANCE TEST TOOLS

None